



State of Utah

DEPARTMENT OF HEALTH DIVISION OF ENVIRONMENTAL HEALTH

Norman H. Bangerter
Governor
Suzanne Dandoy, M.D., M.P.H.
Executive Director
Kenneth L. Alkema
Director

288 North 1460 West
P.O. Box 16690
Salt Lake City, Utah 84116-0690
(801) 538-6121

JUN 05 1990

DIVISION OF
OIL, GAS & MINING

*route to
W. Hedberg
for review & file*

June 4, 1990

DOGM
MINERALS PROGRAM
FILE COPY

Mr. Howard Hendrick, Area Manager
Bureau of Land Management
2370 South 2300 West
Salt Lake City, UT 84119

RE: Timberline Mine Leach

DOR 10951028

Dear Mr. Hendrick:

We received your letter of March 30, 1990 reporting neutralization testing results at the Timberline Mine Site. Tests results reported do not meet the required neutralization criteria for this site. Final grading and revegetation of the site, which you plan to do this fall, cannot be commenced until the cyanide content of the ore rinsate has been reduced to the neutralization criteria standard.

It appears that the testing results recently reported were solids analysis of the ore samples, rather than ore rinsate analysis. Solids analysis of ore cyanide content was reported in mg/kg, rather than mg/liter of rinsate liquid. Please be aware that the criteria is based on the rinsate cyanide concentration.

Once you have demonstrated that the ore rinsate at the site is below the neutralization criteria standard, then final reclamation work could be commenced. Please call Mr. Dave Rupp if you have any questions on this issue.

Sincerely,

Kiran L. Bhayani, P.E., Manager
Design Evaluation Section
Bureau of Water Pollution Control

cc: Myron Bateman
Division of Oil, Gas, and Mining

DAR/rvgN:timberlin.neu